



# TRANSMITTAL FORM

Application Serial Number	09/812,723
Filing Date	March 20, 2001
First Named Inventor	Laugharn
Group Art Unit	1723
Examiner Name	Not yet Assigned
Attorney Docket No.	BMA-008
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

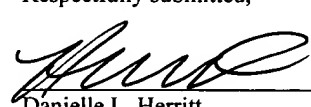
## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input checked="" type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations AA, BA-BD  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input checked="" type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard  <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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### CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

### SIGNATURE BLOCK

Respectfully submitted,  
  
 Date: July 19, 2001  
 Reg. No. 43,670  
 Tel. No.: (617) 248-7952  
 Fax No.: (617) 248-7100  
 Danielle L. Herritt  
 Attorney for Applicants  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110



## FEES TRANSMITTAL

FY 2001

## Complete if Known

Application Serial Number	09/812,723
Filing Date	March 20, 2001
First Named Inventor	Laugharn
Group Art Unit	1723
Examiner Name	Not yet Assigned
Attorney Docket No.	BMA-008

## METHOD OF PAYMENT

1. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☐ Required Fees (copy of this sheet enclosed).  
☐ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.  
3. ☒ Applicant claims small entity status.

## FEE CALCULATION

## 1. FILING FEE

## Large Entity

Fee (\$)	Fee Description	Fee Paid
710	Utility filing fee	710.00
320	Design filing fee	
150	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
Total Claims	150	- 20 = 130	x \$ 18.00 =	2,340.00

	Number Filed	Number Extra	Rate	Amount
Independent Claims	4	- 3 = 1	x \$ 80.00 =	80.00

☐ Multiple Dependent Claim(s), if any \$270.00 =

TOTAL: 3130.00  
 SMALL ENTITY DISCOUNT: 1,565.00  
 SUBTOTAL (1) (\$) 1,565.00

## 2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	=	x \$ 18.00 =	
Indep.	-	=	x \$ 80.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$270.00 =	

TOTAL: (\$)  
 SMALL ENTITY DISCOUNT: (\$)  
 SUBTOTAL (2) (\$)

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65.00
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for reexamination	
110	55	Extension for reply within first month	
390	195	Extension for reply within second month	
890	445	Extension for reply within third month	
1,390	695	Extension for reply within fourth month	
1,890	945	Extension for reply within fifth month	
310	155	Notice of Appeal	
310	155	Filing a brief in support of an appeal	
270	135	Request for oral hearing	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
180	180	Submission of Information Disclosure Statement	
710	355	Filing a submission after final rejection (37 CFR 1.129(a))	
710	355	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$) 65.00

SUBTOTAL (1) 1,565.00  
 SUBTOTAL (2) -0-  
 SUBTOTAL (3) 65.00

TOTAL (\$) 1,630.00

## CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,

Danielle L. Herritt  
 Attorney for the Applicants  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110

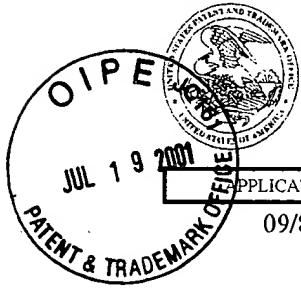
Date: July 19, 2001  
 Reg. No.: 43,670  
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 Fax No.: (617) 248-7100

Express Mail Label No. EL822887350US

07-20-01

Page 1 of 2

Section



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/812,723	03/20/2001	James A. Laugharn JR.	BMA-008

021323  
TESTA, HURWITZ & THIBEAULT, LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON, MA 02110

CONFIRMATION NO. 2606

FORMALITIES LETTER



\*OC000000006144232\*

Date Mailed: 06/04/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$2420.
  - \$2340 for 130 total claims over 20.
  - \$80 for 1 independent claims over 3 .
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 3260.**

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/24/2001 RHARIS1 00000122 09012723  
01 FC:201  
02 FC:202  
03 FC:203  
04 FC:205  
355.00 OP  
40.00 OP  
1170.00 OP  
65.00 OP



Express Mail Label No. LL822886779US



PATENT  
Attorney Docket No. BMA-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Laugharn *et al.*  
SERIAL NO.: 09/812,723 GROUP NO.: 1723  
FILING DATE: March 20, 2001 EXAMINER: Not yet Assigned  
TITLE: "Method and Apparatus For Acoustically Controlling Liquid  
Solutions in Microfluidic Devices"

**Box PGPUB DRAWINGS**

Commissioner for Patents  
Washington, D.C. 20231

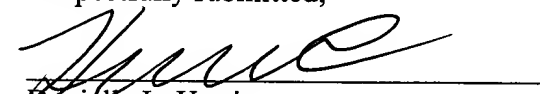
Dear Sir:

**TRANSMITTAL OF FORMAL DRAWINGS UNDER 37 C.F.R. § 1.215**

Sir:

Attached please find 16 sheets of replacement drawings for publication under 35 U.S.C. 122(b). Please replace the informal drawings originally filed with the above patent application with the enclosed formal drawings for publication as permitted under 37 C.F.R. § 1.215.

Respectfully submitted,

  
Danielle L. Herritt

Attorney for Applicants  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

Date: July 19, 2001  
Reg. No. 43,670

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2120003